CZEKALA, Zbigniew

Celomic pericardial cyst. Pol. tyg.lek. 18 no.51:1930-1932 16 D'63

1. Z Gabinetu Rentgenowskiego Szpitala MSW w Katowicach; kierownik: dr. M.Glinski.

*

POLAND

CZEKALA, Zbigniew, Lek. med. and GABRYS, Karol, X ray Department (Zaklad Roentgenologiczny) of the Municipal Hospital (Szpital Miejski) im. Andrzeja Mieleckiego in Chorzow and the Silesian Zoological Garden (Slaski Ogrod Zoologiczny) in Katowice

"Technique for Investigating Venous Circulation in the Long Bones (Osteomedullography) in the Dog."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 5, May. 63, pp 244-247.

Abstract: [Authors' English summary modified] Authors describe an osteomedullographic method (osseous phlebography) using the Polish contrast medium "Triuropan 300," as well as the normal morphological and functional findings, which are the same for all long bones. The medium gives a good x ray and does not irritate the bone marrow, while the method is safe and can be carried out aseptically. It is recommended for diagnostics of intraosseous or bone marrow diseases, particularly of benign or malignant growths in the early stages. The six references comprise four German and two Western ones.

1/1

BLOCH, Tadeusz; BIELSKI, Tadeusz; CZEKALA, Zbigniew

Role of radiological investigations with the use of contrast media in the diagnosis of meniscus injuries. Chir. narzad. ruchu ortop. pol. 28 no.2:169-176 '63.

1. Z Oddzialu Ortopedyczno-Urazowego Szpitala Miejskiego im. dr A. Mieleckiego w Chorzowie Ordynator: dr T. Bielski Z Zakladu Rentgenologicznego Szpit. Miejsk. im. dr A. Mieleckiego w Chorzowie Kierownik: dr Z. Czekala.
(KNEE) (LEG INJURIES) (RADIOGRAPHY)

CZEKALA, Zbigniew

Diagnosis of meniscal injuries of the knee joint using double-contrast arthrography performed with a horizontal beam. Pol. przegl. radiol. 29 no.2:109-115 Mr-Ap '65

A supporting fixture for taking serial radiograms of the knee joint menisci using the horizontal beam in knee arthography. Ibid.:117-118

1. Z Zakladu Radiologii Szpitala im. Dr. Mieleckiego w Chorzowie (Kierownik: dr. med. Z. Czekala)

BIELSKI, Tadeusz, dr. med.; CZEKALA, Zbigniew, dr. med.

The arthrographic diagnosis of discoid cartilage of the knee joint. Chir. narzad. ruchu ortop. Pol. 30 no.2.187-191 '65

Osteomedullography in the presence of chronic infectious foci of the marrow of long bones. Ibid.:199-203

1. Z Zakladu Radiologii (Kierownik: dr. med. Z. Czekala) i z Oddzialu Ortopedycznego-Urazowego Szpitala im. dr. A. Mieleckiego w Chorzowie (Ordynator: dr. med. T. Bielski.

CZEKALINSKI, A

Czekalinski A.

Czekalinski A., Eng. "The Two Algorisms"
(Dwa algorytmy) Przegla Geodezyjny. No 1-2, 1950, pp. 15-18.

The comparison of Gauss' alforism, which is applied to the solution of a normal equation system, with the algorism of Banachiewicz's Cracovian root which is used for the same purpose. An exact analysis, which takes into consideration the quantities of separate calculus operation, leads to the conclusion that in certain given conditions in algorism of the Cracovian root is more economical than Gauss' algorism. Outstanding simplicity of the Cracovian symbolism. The possibility of basing the operation with the Cracovian root on pure algebraical principles.

SO: Polish Technical Abstracts - No. 2, 1951

PTA

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1272

Czekalinski A. **The Mechanics of the Adjustment of Indirect and Conditional Observations.** 3961

„Mechanika wyrównania spostrzeżeń pośrednich i zależnościowych". Przegląd Geodezyjny No 1, 1951, pp 19–26.

The author introduces a system of symbols differing from the Gauss method and suggests a scheme for solving a set of normal equations and weighted equations by means of calculating machines which, in cases where mass computations are involved, saves a considerable amount of time. The article deals in detail with the sequence of arithmetical functions and quotes a number of numerical examples.

CZERNIEWSKI, I.

The ER-4 optical monochromatic pyrometer of Polish construction.

p. 177 (Pomiary, Automatyka, Kontrola. Vol. 2, no. 5, May 1956. Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

BICZ,W.; CZEKALINSKI, L.; OSTROWSKI, K.

An ultramicrocolorimeter based on the Zeiss (Schnellphotometer II) or the Russian (MF-2) microphotometer model. Bul Ac Pol biol 7 no.12:495-499 '59. (EEAI 9:12)

1. Laboratory of Experimental Pathology, Polish Academy of Sciences. Presented by L.Paszkiewicz.

(RUSSIA--MICROPHOTOMETER)
(GERMANY--MICROPHOTOMETER)
(COLORIMETERS)

OSTROWSKI, K.; CZEKALINSKI, L.; KOMENDER, J.

An improved model of lyophilization apparatus for histological purposes. Bul Ac Pol biol 8 no.1:35-39 '60. (EEAI 10:1)

1. Institute of Experimental Pathology, Polish Academy of Sciences and Department of Histology and Embryology, School of Medicine, Warsaw. Presented by L.Paszkiewicz.
(HISTOLOGY) (DRYING)

CZEKALSKA, A.; KRYGOWSKI, B.

"Guide to the excursions of the 25th Conference of the Polish Geologic Society in Stettin in 1955."

p. 339 (Rocznik) Vol. 25, no. 4, 1955 (published 1957)
Krakow, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

CZEKALSKI, A.

MD

Fertilizing value of ammonia and ammoniates. B. Kurylowicz, and A. Czekalski (Univ. Poznań, Poland). *Roczniki Nauk Rolniczych* 67A, No. 3, 5-22(1953).—The main purpose of the expts. was to compare the effect of liquid NH_3 and ammoniates with that of $(NH_4)_2SO_4$ and nitrochalk. Field and pot tests were conducted on sandy clay soil with a clay subsoil, on pure quartz sand, and on clay soil. The fertilizers were applied as top dressing for sugar beets, potatoes, barley, and oats. The results of these expts. proved the pos. fertilizing effect of N in the form of liquid NH_3. The productivity of a unit of N contained in the fertilizer expressed as crop increase per unit of N in the fertilizer used is smaller in the case of NH_3 than nitrochalk. Comparisons of the same values for NH_3 and $(NH_4)_2SO_4$ gave varying results; for sugar beets no difference was found between the two fertilizers; for barley and potatoes NH_3 showed smaller effects than $(NH_4)_2SO_4$. The productivity of a unit of N absorbed by the plant is greater in the case of the liquid NH_3 than in the case of the $(NH_4)_2SO_4$.

Richard Ehrlich

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CZEKALSKI, A.

POLON

Field tests on the use of urea as compared with nitro-chalk and ammoniated water. H. Birecka, W. Boguszewski, Z. Tucholka, and A. Czekalski. *Roczniki Nauk Rolniczych, Ser. A*, 68, 609-50(1955).—The action of N in all expts. was very clear producing yields 40% above the controls. However, going beyond the middle rate tested did not give such yields. The action of urea in small and moderate dosages was equiv. to that of nitro-chalk. Urea was noticeably weaker in action at the high dosage on rapeseed and especially barley, although giving yields equiv. to nitro-chalk with wheat and mustard. In the expts. with barley, the highest dosage of urea was even worse than the intermediate dosage. It was necessary to consider the cold spring and the fact that barley lacks tolerance in connection with the form of NH_3, and under the conditions of the expts. urea changed its form in the soil. The action of NH_3 was equiv. to that of urea and nitro-chalk at the low dosage. At the moderate and high dosages the action of NH_3 was poorer with the exception of the expts. with rapeseed. Here again results were influenced by: (1) the mech. organization of the soil (light soil) and (2) the proportionally colder spring, which decreased the intensity of nitrification. Despite the exercising of great care during application of the NH_4OH, the method used did not completely guarantee against a loss of NH_3. Only the repetition of the application of NH_3 with the corresponding implements in combination with expts. on larger plots can lend certainty to the accuracy of the results obtained. Ernest C. Jaworski

POLAND/Soil Science - Mineral Fertilizers. J.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67950

Author : Birecka, H., Lisiewicz, A., Lehmann, K., Czekalski, A.
Inst : -
Title : Effectiveness of Granulated Superphosphate in Connection with Mode of Application and Soil Reaction.

Orig Pub : Roczn. nauk. rolniczych., 1956, A73, No 3, 327-347.

Abstract : Pot experiments were made in 1952 and 1953 in the Institute of Agrochemistry of the Higher Agricultural School in Poznan comparing the effectiveness of powdered and granulated P_2 with spring wheat and flax on light sandy loam having pH of 6.0 in a KCl extract. In addition, by lining, the reaction of this soil was raised to pH 6.6, and, by application of $Al_2(SO_4)_3$ in a dosage of 6 mg. Al per 100 grams of air-dry soil, to pH 5.2. Phosphates were added in doses of 40 or 120 mg. P_2O_5 per pot. When 40 mg. P_2O_5 was mixed with the otherwise unchanged soil, and distributed

Card 1/3

J.

POLAND/Soil Science - Mineral Fertilizers.

Abs Jour : Ref Zhur- Biol., No 15, 1958, 67950

grams of grain per pot. An experiment with granulated Thomas slag demonstrated that wheat cannot utilize it in this form. Experiments with flax gave similar results. -- Z.I. Zhurbitskiy.

Card 3/3

CZEKALSKI, Alfred

Influence of many year manuring with minerals upon the yield of plants and certain properties of light soils. Prace nauk roln i lesn 11 no.1:49-88 '62.

TUCHOLKA, Zbyszko; BALUK, Antoni; CZEKALSKI, Alfred; KOCIAŁKOWSKI, Zdzislaw

Mineral content in meadow plants of certain regions of the Poznan Province. Pt. 2. Prace nauk roln i lesn 18 no.2:149-159 '64.

1. Department of Agricultural Chemistry, College of Agriculture, Poznan.

TUCHOLKA, Zbyszko; CZEKALSKI, Alfred; KOCIALKOWSKI, Zdzisław

Preliminary studyes on the content of certain microelements in the soils of Bydgoszcz Voivodeship. Prace nauk roln : Zeszyt 18 no.2:161-166 '64.

1. Department of Agricultural Chemistry, College of Agriculture, Poznan.

BALUK, Antoni; CZEKALSKI, Alfred; KOSCIALKOWSKI, Zdzislaw

Content of microelements in some grass species. Prace nauk roln i lesn 19 no.1:15-28 '65.

1. Department of Agricultural Chemistry of the School of Agriculture, Poznan.

CZEKALSKI, J.

"Group Research in Limnology." P. 64
(PRZEGLAD GEOGRAFICZNY. POLISH GEOGRAPHICAL REVIEW, Vol. 26, No. 2, 1954, Warszawa, Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

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"Poszukiwanie Podstaw Rybackiego Zagospodarowania Jezior (Research on Economy of Lake Fisheries); a Book Review." P. 164
(PRZEGLAD GEOGRAFICZNY. POLISH GEOGRAPHICAL REVIEW, Vol. 26, No. 2, 1954, Warszawa, Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

CZEKALSKI, Jozef

Role of lakes in the localization of settlements in western Poland. Przegl geogr Suppl. to 32:221-226 '60. (EEAI 10:4)

1. University of Adam Mickiewicz, Geographical Institute, Poznan. (Poland--Lakes) (Poland--Population)

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CZEKALUK, B.

Discussion of the fulfilment of the Plan by the Textile Institute in 1953. Biuletyn Wlok. p. 5. (PRZEMYSL WLOKIENNICZY, Lodz, Vol. 8, no. 2, Mar./Apr. 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jun. 1955, Uncl.

Country : POLAND
Category : Chemical Technology. Chemical Products (Part 4). Artificial and Synthetic Fibers H
Abs. Jour. : Ref Zhur-Khim, 1959, No 7, 25662

Author : Drzewinski, S.; Czekaluk, B.; Kozlowski, T. B.
Institut. : -
Title : Perspective Plan for the Development of the Production of Synthetic Fibers

Orig. Pub. : Przem. chem., 1958, 37, No 6, 395-401

Abstract : No abstract.

Card: 1/1

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On the alleged separability of methodological problems in biological sciences. Kosmos Biologia 11 no.2:169-181 '62.

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1. Zaklad Antropologii Uniwersytetu Poznanskiego (Dyrektor: prof. dr. J. Czekanowski) Praca wplynela do Redakcji w czerwcu 1954 r.

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Hirszfeld, Ludwik (Pol))
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MiU Not in DLC

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CZEKANOWSKI, Jan

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1. Gdanskie Biuto Projektow Budownictwa Przemyslowego, Gdansk.

SUPNIEWSKI, J.; CHRUSCIEL, T.; CZEKAJ, S.

Investigations on experimental atherosclerosis. The effect of 2-methyl-2-butene-carboxylic acid on experimental atherosclerosis in the pigeon. Bul Ac Pol biol 7 no.5:199-201 '59. (EEAI 9:7)

1. Laboratory of Pharmacology (Krakow), Polish Academy of Sciences.
(CHOLESTEROL)
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1. Head, Institute for Industrial Patterns, Warsaw.

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P. 274. (GEOGRAFIA W SZKOLE) (Warszawa, Poland) Vol. 10, no. 5, Sept./ Oct. 1957

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"The mouth of the Vistula River," by K. Lomniewski. Reviewed by M. Czekanska. Czasopismo geograficzne 32 no.3:353-354 '61.

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"The thermal and hydrological conditions in the coastal area of the Southern part of the Baltic Sea" by K.Lomniewski. Reviewed by M.Czekanska. Czasopismo geograficzne 32 no.3:354-356 '61.

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Response to A.Rojecki's review. Przegl geogr 35 no.4:715-719 '63.

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International standards for gauges in collieries and opencast mines. p. 427.

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CZEKANSKI, Tadeusz, dr inz.; WASIK, Antoni, mgr inz.

Management problems of conveyor belts in mines. Przegl techn 85 no.36:9 6 S '64.

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11474* Energy Problem in the Electrolytic Reduction of Alumina. I-II. (Hungarian.) Arisztid Czeke. Kohászati Lapok, v. 9, no. 3, Mar., p. 13~~-144; no. 4, Apr.~~ 1954, p. 178-183.

Analytic method shows 13 to 15% of power could be saved with better construction and operation of Söderberg electrolytic cell. Losses caused by resistance of the electrolyte; voltage occurring during contact of molten Al and electrolyte; and possibilities for decreasing power requirements. Diagram, tables, graphs, nomogram. 8 ref.

CIHM, A.

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"Power Economy of Aluminum Electrolysis", p. 3[illegible], ([illegible]), Vol. 7, No. 9, September 1954, Budapest, Hungary

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"Need for [illegible] in the electrolysis of [illegible]. 1. [illegible] P. [illegible]", P. 139, ([illegible] [illegible], Vol. [illegible], No. [illegible], March [illegible], [illegible], [illegible])

SO: Monthly List of Best Russian Articles (MLRA), 1[illegible], Vol. 7, No. 3, March 1958, Unclassified.

CZEKE, A.

TECHNOLOGY

PERIODICAL: KOHASZATI LAPOK, Vol. 13, no. 7, July 1958

Czeke, A. The use of suspender iron form panels in furnace construction. p. 336.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 2, February 1959, Unclass.

CZEKE, Arisztid, okl.kohomernok

Experiences gained during the construction of Siemens-Martin furnaces. Koh lap 95 no.3.Supplement:Ontode 13 no.3:129-133 Mr '62.

CZEKE, Arisztid, okl.kohomernok

The possibilities of diminishing the heat losses across the masonry of Siemens-Martin furnaces. Ipari energia 2 no.5:101-106 My '61.

1. Vaskohaszati Kemenceepito Vallalat.

CZEKE, Arisztid

Application of basic grates in regenerative firing furnaces. Ipari energia 2 no.7:153 Jl '61.

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000509510006-5"

CZEKE, Arisztid, okleveles kohomernok

New refractory materials for aluminum electrolyzing furnaces.
Koh lap 97 no.3:142-145 Mr'64

CZEKE, Arisztid, okleveles kohomernok

Power demand of the electrolysis of aluminum. Pt. 1. Koh lap 9 no. 3: 133-144 Mr '54.

CZEKE, Arisztid, okleveles kohomernok

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BANYASZATI ES KOHASZATI LAPOK —
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Vol. V (LXXXIII). — 1950
No. 9, Sept.

BANYASZATI ES KOHASZATI LAPOK —
HUNGARIAN JOURNAL OF MINING
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Vol. V (LXXXIII). — 1950
No. 10, Oct.

2160. SAFE WORKING OF OUR LIGNITES DEPOSITED IN LOOSE ROCK.
Czeke, E. (Banyasz. Kohasz. Lapok, (J. Min. Smelt.), Nov. 1950, vol. 83, 593-598).

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

CZEKE, E.

35. Dip heading long wall working -- Dolesmenti halado csuzdas pasztafojtes -- by E. Czeke (Hungarian Journal of Mining -- Banyaszati Lapok -- Vol. VI (LXXXIV), No. 4, pp. 190--199, April 1951, 2 figs., 6 tabs.)

At ordinary panel working, increased efficiency and reduction of prime costs may be achieved by further extending toward one side the presently applied narrow upcasts. After completing a working wall of 14 to 15 m in width in the direction of the dip, another wall of 12 m can be worked on the opposite side of the upcast. The cross conveyor behind the working place is driven by a gear from the main conveyor in the upcast. Wood chucks are used for securing the upcast, which can be removed gradually in the course of back-work. The results of the efficiency investigation proved that winning capacity can be raised by 85 per cent, the utilization of timber reduced by 50 per cent and prime cost decreased by 19 per cent as compared to ordinary panel working. The article is intended to serve as a guide in cost accounting.

CZEKE, E.

18. The newest reinforced concrete supports, I. — Concrete as a material for mining support structures — *A legújabb vasbeton bányabiztosítók — A beton mint a bányászati szerkezetek anyaga* — E. Czeke (Hungarian Journal of Mining — *Bányászati Lapok* — Vol. 7(85), 1952, No. 10, pp. 540–544, 2 tabs.)

A table listing the data on material for mining supports is furnished for reason of comparison. Principally steel and light metal supports, prestressed concrete compete seriously with wood because of its high bearing strength, price, specific gravity. Two prefabricated, prestressed supporting elements tested and proved are described in the article. One is a prestressed concrete slab which renders the wooden lining bond unnecessary; the other is a prestressed prop shore suitable in every respect for substituting hardwood shores. Prestressed supporting elements maintain their load bearing ability for a very long time in contrast to timbering, the load bearing ability of which decreases in the function of time due to the deteriorating effect of fungi. Prestressed concrete elements can be reused several times. This circumstance together with their lasting load bearing ability renders their use economical in spite of the higher investment costs. *P. Alexáin*

Hungarian Technical Abst.
Vol. 5 No. 4 1953

CZEKE, E.

Czeke, E.
"Surface mining method in the coal basin of Tatabanya; a proposition." p. 240.
(Bányászati Lapok. Vol. 1, no. 5, May 1953, Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, No. 9, Library of Congress, September 1953, Uncl.

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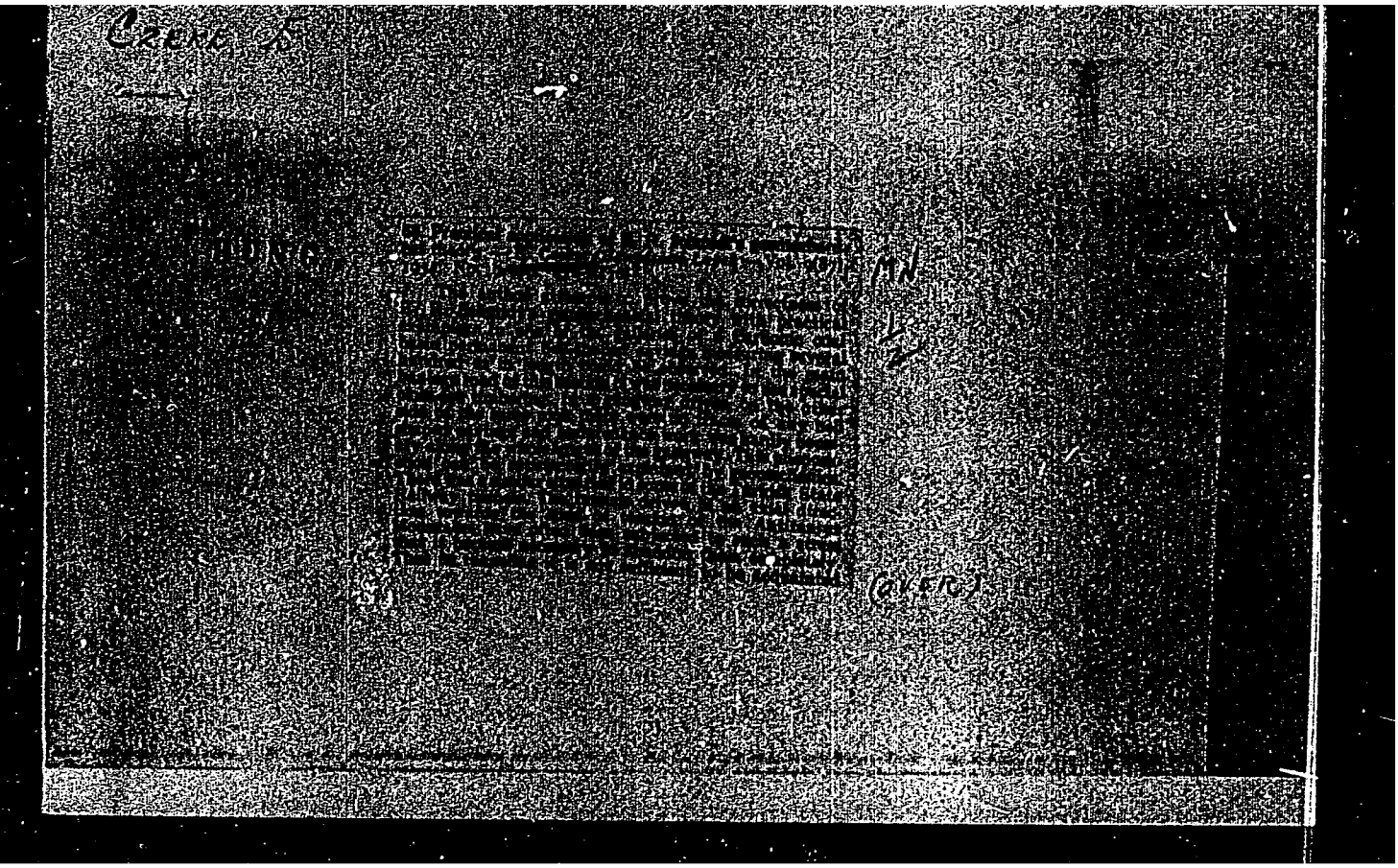

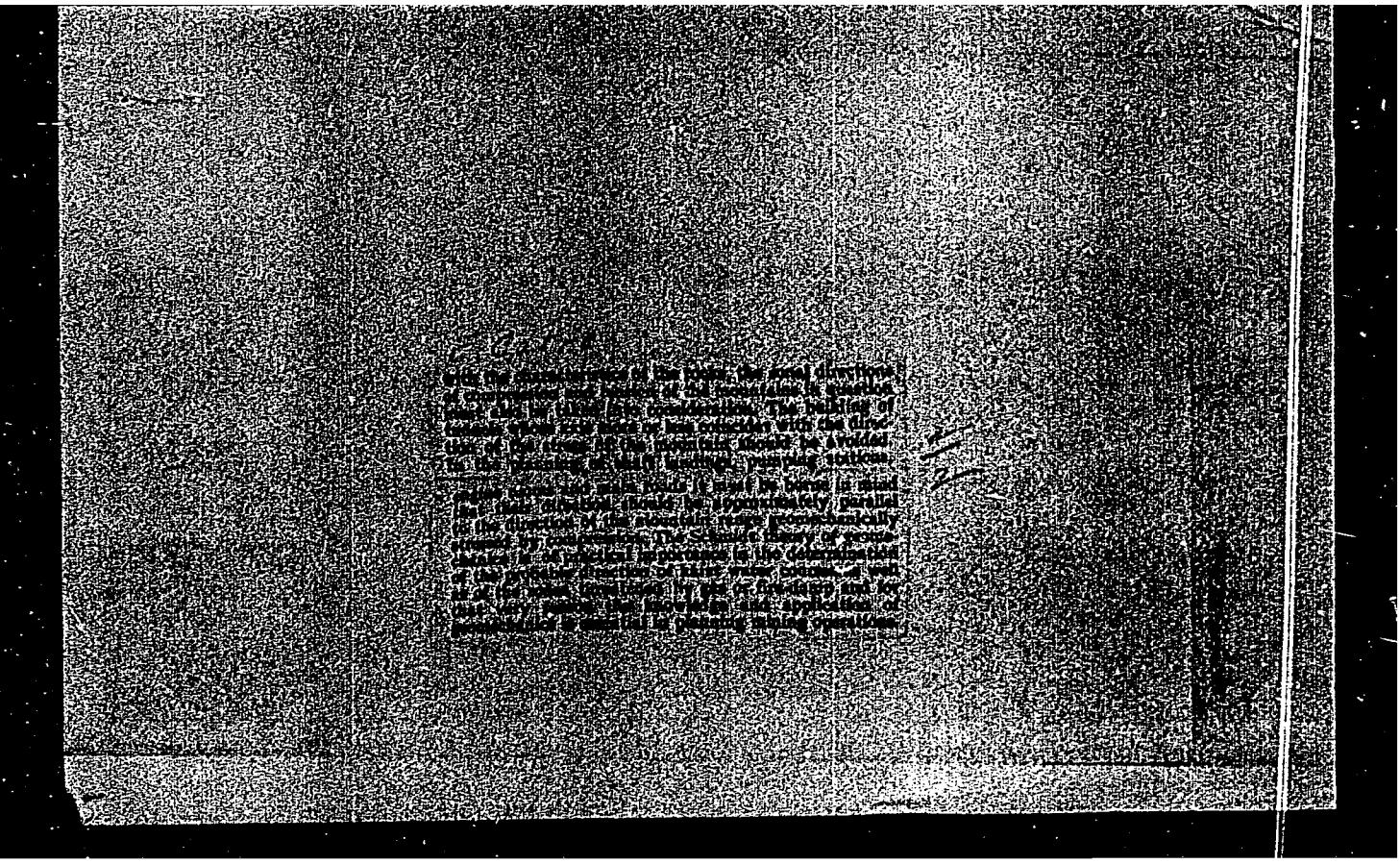

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TITLE: Enrichment of ^{37}Cl by counter-current electrolysis of fused $PbCl_2$

SOURCE: Nukleonika, v. 11, no. 6, 1966, 437-440

TOPIC TAGS: electrolysis, current density

ABSTRACT: The enrichement of ^{37}Cl was realized by countercurrent electromigration in molten $PbCl_2$. The current density was 5 A/cm^2. After 73 hr the concentration of ^{37}Cl obtained on the boundary, $PbCl_2$-Pb (K), was 30.9%. It was calculated that in this case simple enrichement factor was 0.002. The authors thank Master Engineer Z. Wisza for his contribution. Orig. art. has: 2 figures and 1 table. [NA]

SUB CODE: 07,09 / SUBM DATE: 21Dec65 / ORIG REF: 001

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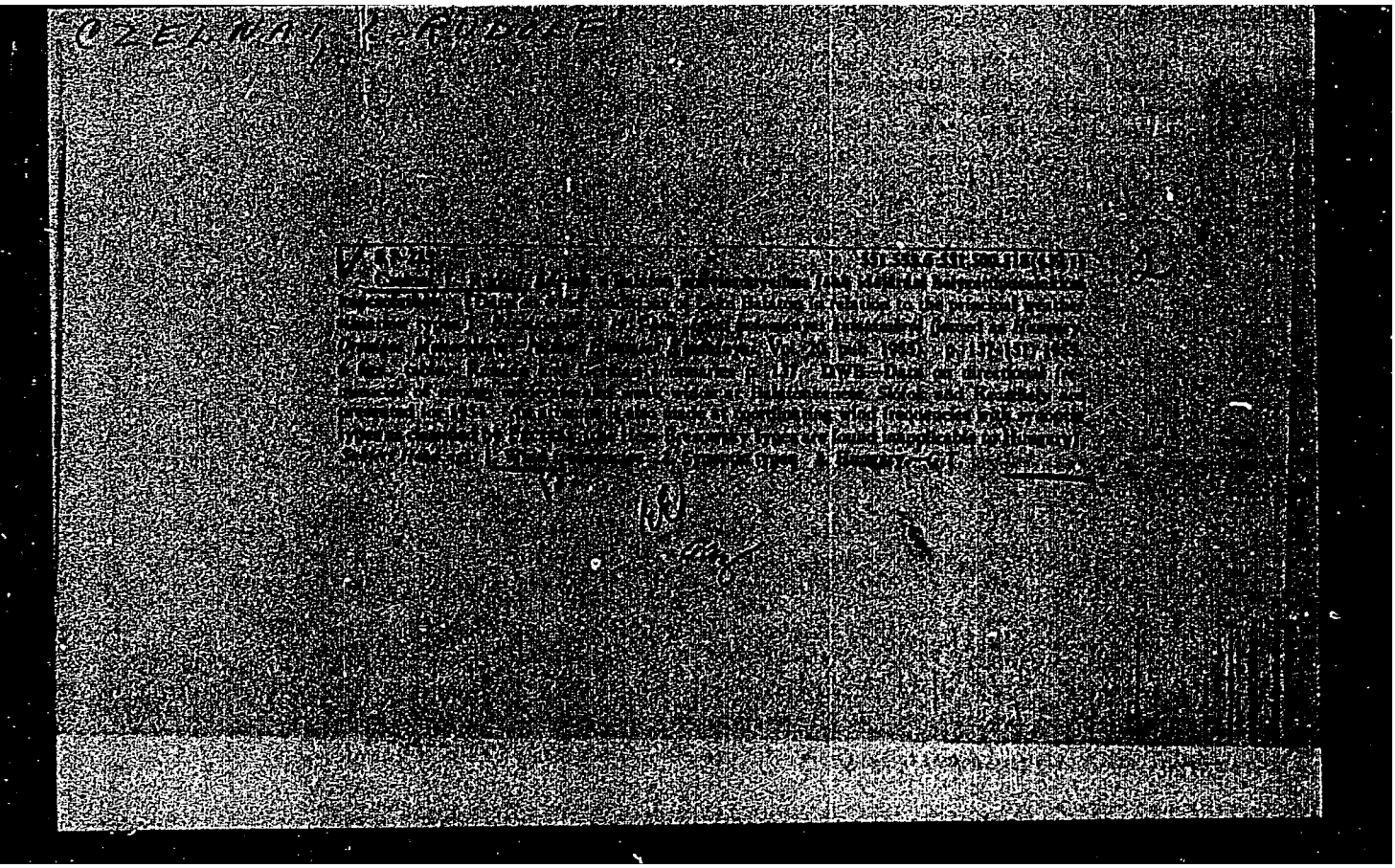

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August 3, 1959

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